



not bonded in said reaction product is permitted through said catching section and whereby chromatographic movement of said reaction product is restricted, whereby because of the size of said reaction product, thereby causing said reaction product to be retained by said catching section.

4. (Currently Amended) ~~A detection~~ The apparatus for detecting the presence of a detectable material in a sample according to claim 3, wherein said pore size of said catching section is smaller than a particle the diameter of said particles.

5. (Currently Amended) ~~A detection~~ The apparatus for detecting the presence of a detectable material in a sample according to claim 4, wherein said detectable material is selected from at least one of human chorionic gonadotropin, luteinizing hormone, follicle stimulating hormone, thyroid stimulating hormone, insulin, and carcinoembryonic antigen.

6. (Currently Amended) ~~A detection~~ The apparatus for detecting the presence of a detectable material in a sample according to claim 3, wherein said pore size of said material of said catching section is larger than a particle the diameter of said particles.

7. (Currently Amended) ~~A detection~~ The apparatus for detecting the presence of a detectable material in a sample according to claim 6, wherein said detectable material is selected from at least one of hepatitis B surface antigen, C-reactive protein, and hemoglobin.

